

Ingredients for Coca-Cola? The Colonel's 11 herbs and spices? Try the recipe for the Tuck Shop's famed cinnamon buns

TLEF grant used to promote a form of theatre that sets the stage for learning

Everything you need to know about the U of A's stroll down memory lane, Sept. 20-23

## U of A welcomes new academic year

Michael Brown

As the anticipation builds during the first week back at school, the University of Alberta is set to roll out a 2012-13 academic year of high expectations, firsts and fond looks back.

"If students are willing to get involved and take up the challenge, their years at the U of A can truly be transformational."

Indira Samarasekera

The U of A began its 104th year of classes Sept. 5 with more than 39,000 students—the most the university has ever had—walking the five campuses that make up the institution.

"I am delighted to welcome all our students—new and returning—to the U of A," said President Indira Samarasekera. "The numbers suggest that the University of Alberta is serving students well, not only in terms of the diversity and strength of our programs but also in terms of the whole student experience."

"As I mentioned in my addresses to students earlier this week, if they are willing to get involved and take up the challenge, their years at the U of A can truly be transformational."

According to registrar Gerry Kendal, the total undergraduate student population—up by about 300 students over last year—is 31,900, including 3,100 international students. This year, 8,500 students are new to the U of A, including 250 new Aboriginal students.

Kendal reported that more than 13,000 students applied directly from high school—a 24 per cent increase since 2009.

"This shows the significant strength of the U of A to

Continued on page 3

## U of A and proud of it



Nursing students respond to engineering students during a rally at Hawrelak Park in advance of the President's Address Sept. 5.

## Order of Canada for U of A literary lion

Michael Brown

It was 1995, and Greg Hollingshead had just joined the who's who of Canadian writers—a list that includes Mordecai Richler, Alice Munro, and his colleague and friend Rudy Wiebe—in winning the Governor General's Award for Fiction for his collection of short stories, *The Roaring Girl*.

Now a first-order member of Canada's literary elite and the focus of the highest praise, Hollingshead recalls one of the most touching moments of that whirlwind year, when he arrived back at the University of Alberta fresh from accepting the award to a classroom draped with streamers and balloons courtesy of his creative-writing graduate seminar class.

That simple yet immensely thoughtful gesture spoke volumes, both about how his students held their mentor in high esteem

and about how Hollingshead regarded them.

"What I remember most about my time at the U of A is the students, who really are a great bunch of young people, if I may be allowed to generalize about 30 years of a student population," said Hollingshead, a professor emeritus since 2005, who grew the U of A's vaunted English department's legend a little bigger recently after being named the university's newest member of the Order of Canada.

"I remember the graduate creative writing seminars, particularly from that point in the class, or term, when the students started to carry the ball themselves."

Hollingshead says he also cherishes the long commitment to teaching creative writing in the department and "the presence of creative writers on staff."

"I will always remember conversations in hallways, stairwells and the parking lot with colleagues."

Hollingshead came to the U of A in 1975 to teach 18th-century literature after completing a bachelor and master of arts at the University of Toronto in the late 1960s and a PhD from the University of London in 1975.

His first book was a story collection titled *Famous Players* (1982) and his first novel was *Spin Dry* (1992). After the success of Hollingshead's fourth book and third story collection, *The Roaring Girl*, he published his second novel, *The Healer* (1998), which was shortlisted for the Giller Prize and won the Rogers Writers' Trust Fiction Prize in 1999.

Hollingshead's third novel, *Bedlam*, was named a Globe 100 Book of the Year for 2004, was shortlisted for the regional Commonwealth Writers' Prize for Best Book, the Grant MacEwan Author's Award, the Georges Bugnet Award and the City of Edmonton Book Prize. In 2006, it



Greg Hollingshead

was named a *New York Times* Book Review Editor's Choice.

Dividing his time between Edmonton, Banff (where he directs writing programs at the Banff Centre) and Algonquin Park in Ontario, Hollingshead says he is finding retirement anything but idle as he fills his time with "getting a lifetime of papers in order. Writing short stories. Thinking about another novel."

The Order of Canada recognizes outstanding achievement and dedication and service to Canada. ■





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# folio

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# Triple-threat engineering professor earns Killam award

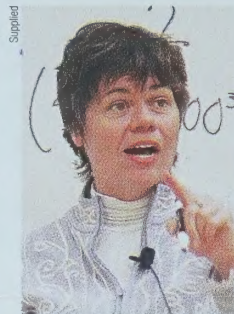
Richard Cairney

An engineering professor known for her dedication to teaching has won a prestigious award that recognizes achievements in teaching, scholarship and service.

Suzanne Kresta, a professor in the Department of Chemical and Materials Engineering, has been awarded a prestigious Killam Annual Professorship. The designation is bestowed on leading U of A professors who excel in teaching, research and service.

"It's a real honour to win this award because it's balanced—it recognizes people who have managed to do all three things well," said Kresta.

Kresta is the recipient of numerous teaching awards. She serves on the U of A's Centre for Teaching and Learning advisory committee and works as a peer consultant for the centre, working with professors across campus to help develop



Suzanne Kresta

more effective teaching habits.

In her life as a researcher, Kresta focuses on mixing—she is the past president of the North American Mixing Forum and is author of the textbook *The Handbook of Industrial Mixing*. Referred to as "The Big Blue Bible" of

mixing, the text has radically changed the way mixing is communicated.

The NAMF recently assembled a list of the 21 most influential contributions to mixing—and two of Kresta's research papers made the list. She also played a leadership role in

more effective teaching habits.

In her life as a researcher, Kresta focuses on mixing—she is the past president of the North American Mixing Forum and is author of the textbook *The Handbook of Industrial Mixing*. Referred to as "The Big Blue Bible" of

developing a fundamental definition for the science of mixing, which has been embraced by the research community.

Winning the Killam Annual Professorship "allows me to connect with other great academics across campus," she said. "For me, there is value in it not only in recognition of a balanced academic lifestyle but also in the community of like-minded people we are building. This opens doors and possibilities."

Kresta is a previous recipient of the A.C. Rutherford Award for Excellence in Teaching—the highest teaching honour the university bestows upon its professors—and earlier this year was named Academic Woman of the Year by the U of A Academic Women's Association. ■

## Tuck Shop cinnamon buns a sweet taste of tradition

Lisa Cook

It was during the 2008 centenary that Lorraine Huntley came face to face with U of A history.

That year, Huntley was in charge of bringing the original-recipe Tuck Shop cinnamon buns back to campus as part of the university's 100-year celebration.

"I was there in the tent in my whites, when someone told me that this elderly gentleman was really upset. He had come to the tent saying, 'These aren't the original Tuck Shop cinnamon buns,'" said Huntley.

But the alumnus went away with a bun anyway ... and came back a short time later.

"He said, 'I have to apologize. These are exactly how I remember the Tuck Shop cinnamon buns.' For me that was an 'Oh wow' moment," said Huntley, support services co-ordinator for Hospitality Services. "Those buns are just part of the history of the university."

The Alumni Association is bringing back the buns at the Tuck Shop Tent in Quad during Alumni Weekend. Staff, students and alumni will find the cinnamon buns along with coffee and other snacks Sept. 21 from 10 a.m. to 6 p.m., and Sept. 22 from 9 a.m. to 4 p.m.

The tent is more than just an annual appeal to your sweet tooth, said Colleen Elliott, co-ordinator of alumni special events and 1994

bachelor of education graduate. "It's a gathering place for staff, students and alumni who have returned to campus for their reunion weekend."

It's also a nod to the original Varsity Tuck Shop, which opened on campus in 1917 and served as a campus gathering place for more than 50 years.

The Tuck Shop stood where the Fine Arts Building is now, on the east side of 112 St. An Englishman, Bill Smith, first opened the shop named for the English word for a little snack. But Smith provided much more to his customers—books, candy, an occasional bottle of whisky—and sometimes even took bets on horse races, wrote Katherine Govier, 1970 bachelor of arts alumna, in the Summer 1970 edition of *New Trail*.

As the shop was sold to new owners, it evolved with the needs of the campus. At different times it was home to a dry cleaner, drugstore, barber shop and dance hall. Some professors even conducted class at the shop.

In 1970 the Tuck Shop closed its doors, victim of an expanding campus. But the cinnamon bun went on to greater fame thanks to Joyce Kerr, who perfected and standardized the recipe, then later brought it with her to the CAB Cafeteria where she was manager.

In 1977 Huntley got her first job on campus, helping Kerr make the cinnamon buns. At the time they sold

for 25 cents each. "We made about 40 dozen for Monday to Thursday, and 60 dozen on Friday because it was treat day," says Huntley. "People were lined up for them."

The CAB Cafeteria stopped making the buns in 1994 when food services were privatized, but last year the Alumni Association decided to make the smell of cinnamon buns wafting across Quad a permanent part of the annual Alumni Weekend celebration. Huntley and her team will be preparing between 1,000 and 1,200 of the hand-cut and hand-tied treats each day. "We wanted to bring back that kind of central gathering place back to campus," she says.



The Alumni Association brings the traditional Tuck Shop cinnamon buns back to campus Sept. 21 and 22.

"Tuck Shop Tent is a great place for students and staff to meet and chat with alumni. But it's also a way for us to share some of the university's rich history and traditions." ■

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# Star researcher wins Cook Piper prize

Michael Brown

Ever since the first being looked up in the night sky with any sort of wonder, humankind has had an affinity for stars.

For some, that curiosity intensifies even after the bright lights turn off.

One of those who pick through the rubble of used-up dead stars, or neutron stars, looking for meaning is Craig Heinke, winner of the 2012 Martha Cook Piper Research Prize.

"I get to basically test a lot of different ideas about what is going on with these objects, which are some of the more extreme objects in the universe," said Heinke, astrophysics researcher at the University of Alberta since 2008.

"The kind of physics that you can study by looking at these guys is stuff you can't study anywhere else on Earth; you can find out things about the behaviours on the interiors and on the surfaces of these things that you can't find anywhere else in nature."

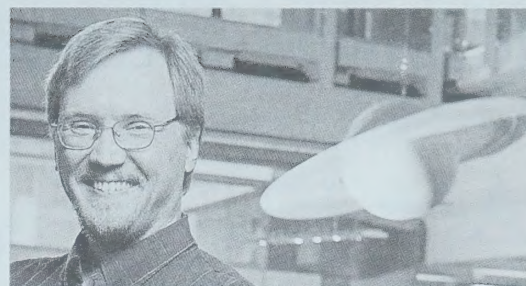
To describe what he is looking at, Heinke uses an analogy that yields a new appreciation for personal space.

"If you took all human beings on the planet and squashed them down into something the size of a sugar cube, that is the density of a neutron star," he said, adding that the extreme nature of neutron stars ensures no two are alike. "There are lots of them in the sky. We can study them at a wide range of distances, and a wide range of behaviours—ones that are really hot and ones that are really cold; some that are spinning rapidly, some slowly; some with strong magnetic fields or less so."

Despite the relatively short time Heinke has researched neutron stars, the young physics professor has made a name for himself in astrophysics circles. In 2010, just six years removed from his PhD at Harvard, Heinke was co-author of a study that showed evidence indicating that the core of a neutron star converts into superfluidity, a new phase of matter that results at billions of degrees Celsius.

Heinke says this kind of research sends minds racing—a fact he preys upon whenever the opportunity arises, but particularly in the classroom.

"It's really interesting stuff, but is kind of abstract for here on Earth," said Heinke. "What it does, however, is give



Craig Heinke, winner of the 2012 Martha Cook Piper Research Prize

interesting stories to attract the attention of the public, especially young people, to having an interest in science.

"I like to say astrophysics is able to be something of a gateway drug into science. I think it gets people interested in coming to the U of A who otherwise may not have."

The Martha Cook Piper Research Prize was established to commemorate the significant contribution Piper made to the research community while she was vice-president (research) and vice-president (research and external affairs) at the U of A between 1993 and 1996. The prize recognizes faculty members who are at the early stage of their careers, enjoy a reputation for original research and show outstanding promise as researchers. ■

## Promoting passion for women's writing

Michael Brown

English professor Nora Foster Stovel has always had a passion for women's writing—from her PhD dissertation on British author Margaret Drabble in 1983, to her book on the writings of one of Canada's best-known authors, Margaret Laurence, in 2008.

Now, the accomplished scholar and 27-year veteran of the Department of English and Film Studies has her sights set on completing a groundbreaking monograph on another of Canada's most renowned women writers, Carol Shields.

"I really enjoy the dialogue with students, and I find that it helps me to develop my own ideas."

Nora Foster Stovel

When it is published, *"Sparkling Subversion": Carol Shields' Vision and Voice* will be the only work of its kind to address the full spectrum of Shields' writing. "The focus is always on her novels: *The Stone Diaries*, for example, won the Pulitzer Prize and the Governor General's Award," says Foster Stovel. "But she also wrote poetry, plays, short stories, essays and biographies. Her work in all those areas influenced and informed her best novels, and contributed to making them very successful."

The monograph, which began as a SSHRC-funded project, received a major boost earlier this year when Foster Stovel was granted a 2012 McCalla Research Professorship. The McCalla is awarded by the university to professors who successfully combine teaching, learning and research, and provides teaching release for one term to allow recipients to concentrate on research and creative projects.

"The McCalla is going to help me enormously to make significant progress with the monograph," comments Foster Stovel. "It's a

wonderful opportunity just to have the time to write, and to have some funding for archival research and also for dissemination of my research at conferences."

Combining her past and current scholarship, Foster Stovel has developed a new graduate course, to be offered in the winter term, on the role of autobiography in the writings of Laurence and Shields. "There are some really interesting overlaps between fiction and non-fiction in both their cases," she says. "They are both great artists who write in very interesting ways about Canada and about women in particular. That appeals to graduate students."

The opportunity to further integrate her teaching and research appeals to Foster Stovel. "We're not always lucky enough to be able to teach in our area of research, and I know that it's very stimulating—especially to have a graduate seminar in the area that we're researching," she says. "I really enjoy the dialogue

with students, and I find that it helps me to develop my own ideas."

Foster Stovel also wants to involve graduate students in their own original research projects. For example, she plans to encourage students to pursue research at the Alberta Archives, examining and editing memoirs by Alberta women, and even to research their personal family histories.

"I think these projects—especially if the students focus on their own family backgrounds—could make them realize that they're part of our history, too," she explains. "It isn't all just in published books."

She hopes to pave the way for her students to mentor the next generation of scholars. Starting this fall, Foster Stovel will begin discussions with high-school teachers about developing educational programs that would connect her students with Edmonton high-school students to research Alberta women's archives. ■

## McCalla

### More students than ever

Continued from page 1

increasingly attract high-school students at a time when other institutions are noticing declines," said Kendal.

He attributes some of the surge in interest in the U of A to the ongoing popularity of arts and science, as well as the reinstatement of direct entry to the Faculty of Education's bachelor of education program. "This was lost in the realignments of the mid-1990s and attracted more than 300 applicants in this first year after a long time."

The university will also play host to 7,300 grad students, of which 1,100 are new to the U of A.

Kendal said applications from students transferring from other post-secondary institutions also rose. "The recruiting program continues to produce strong results with the faculty recruiters working closely with those in the Office of the Registrar."

The 2012-13 year will also offer up a fond look back. The Faculty of Extension will continue its centenary celebrations, while the Faculty of Law, the Faculty of Medicine & Dentistry and the Golden Bears hockey program are all turning 100.

"I am particularly excited about this upcoming school year," said Martin Ferguson-Pell, who set aside his role as dean in the Faculty of Rehabilitation Medicine to take on the job as acting provost while Carl Amrhein is on sabbatical. "I am amazed at just how creative University of Alberta faculty are in enhancing the student experience and in capturing the vitality of Alberta." ■



Nora Foster Stovel, recipient of a 2012 McCalla Research Professorship

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### A Message from President Indira Samarasekera

Each year, the University of Alberta asks employees to support the United Way of the Alberta Capital Region. We do this because of the confidence we have in the United Way's ability to make a real and lasting difference in our community.

As in previous years, we believe the most effective way to finding solutions to community problems are by working together. We at the University of Alberta are very proud of our United Way track record. In Campaign 2011, we raised a total of \$647,303. We hope to exceed that amount this year.

In order to save paper, the U of A United Way 2012 campaign will send only one mailing to staff. The Committee asks you to please consider returning the pledge as soon as it is received. The pledge allows several payment options – payroll, credit card, cheque or direct debit and the opportunity to post-date to your chosen payment period.

You can choose how your gift will have an impact. There are more than 100 programs within three focus areas—Education, Income and Wellness—that the United Way and its partners can make their impact.

Changing the life of someone in our community is one of the greatest feelings you can ever have and one of the greatest gifts you can provide. Please join me in supporting the University of Alberta's 2012 United Way Campaign.

Yours sincerely,

Indira Samarasekera

Indira V. Samarasekera, O.C.  
President and Vice-Chancellor



# Redrawing the classroom to include community service-learning

Michael Davies-Venn

About a decade ago, a program was conceived at the University of Alberta to give students a chance to put theory into practice, foster interdisciplinary research and help the university build partnerships with community service organizations. Today, that program has put the U of A at the forefront of service learning in Canada.

Sara Dorow, associate professor of sociology and the catalyst behind the program, says community service-learning is an educational approach that expands the traditional walls of the classroom, giving students a chance to work alongside staff at non-profit organizations trying to address issues in communities.

For example, students in CSL courses have worked with staff at the Sexual Assault Centre of Edmonton. Nikki Bernier, a recent U of A arts graduate with the centre, says taking a CSL class was a way to get involved in the community.

"You really get to learn how the issues you're learning in your class affect people in their real lives," said Bernier, herself a former CSL student. "We've had students help us do presentations in the public, learning how to talk about this issue to the public. We've had phenomenal student support on a project called Take Back the Night—students designed posters, sourced free printing services, collected donations and contacted other organizations. It's been a huge help."

That support is an example of the outcome Dorow imagined nearly 10 years ago, when she asked a colleague "if they've ever

heard of [service learning] and would they like to try it," she said. "I believe strongly in CSL as a pedagogical practice and as something that can raise the bar for the university and for student learning, instructors and partners. I saw it as a possibility of enhancing the university."

Since then, the program has strengthened the U of A's position in answering questions at the heart of university education—can a university expand knowledge for knowledge's sake or should students come to university simply to get a degree and be prepared for employers who prefer job-ready graduates?

"Service learning cuts through the middle; it allows those kinds of learning to play off and with each other so that we don't have to be stuck between these two paradigms as if they live in two different worlds," said Dorow.

With a small staff, the program has grown from a few courses to well over 70 across various disciplines, and has connected students



Sara Dorow founded the U of A's Community Service-Learning program in 2003.

with 80 community organizations. U of A students were the first in Canada to be offered a certificate in community engagement and service-learning. Through Humanities 101, the program offers classes at the Boyle Street Learning Centre. Other milestones include a grant from the J.W. McConnell Family Foundation and a non-profit board internship program for students.

This September, the university opens its doors to some of those community partners through CSL's newly minted Partners in Education program. More than 100 community partners were invited to participate in the program, which offers professional-development university courses to community partners who mentor CSL students.

Lorraine Woollard, administrative director of the CSL program, says the new project is a way for the university to give back to the community.

"One of the things our community partners tell us all the time about universities is that often they come in, take what they want and go, like getting research information," she says. "What we're trying to do is come in and give partners something, and come in again and give them something again, and maybe they can give us something. And then we build a relationship." ■

## Keeping U of A classes on time, every time

Michael Brown

As the majority of the university community is only beginning to digest the onset of another school year, there is a contingent feverishly at work on the 2013-14 academic year.

Anna Vocioni, assistant registrar in examinations and timetabling in the Office of the Registrar, is part of the team that manages the more than 300 centrally scheduled classrooms—and is tasked with filling those rooms with students and professors.

"I love my staff and think they're all quite wonderful, and they really do know their schedule," said Vocioni. "Each member of the team has individual departments assigned to them; they are quite versed in what their departments require and are really great at working under pressure."

And although there is the odd classroom issue when a technology upgrade is required sooner rather than later, casual bookings are becoming more prominent and her team is also in the process of scheduling upcoming midterm and final exams, Vocioni says all eyes on the team are focused on March.

"The class schedule is released in early March," said Vocioni, who has spent nearly all of her 20 years at the University of Alberta timetabling in the Office of the Registrar. "Basically, professors tell us whether they want specific classrooms and when. They might say they want the Edmonton Clinic Health Academy and that's where they want to be, or they might say they want 24 tables and chairs and don't care where it is. We make sure we communicate with departments back and forth, and try to accommodate what they need."

Vocioni says the system works remarkably well and rarely is there a situation where no rooms are available at an instructor's preferred time.

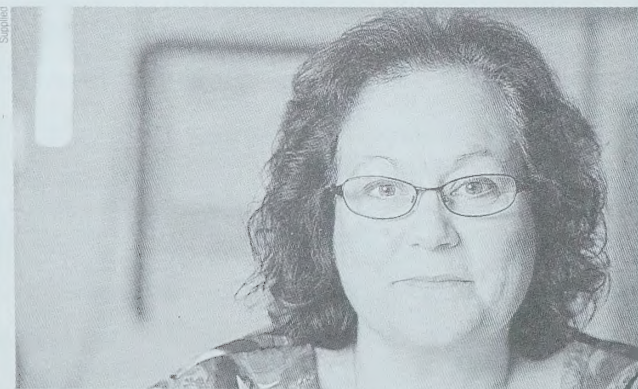
"It is challenging working with deadlines six months out," said Vocioni. "We try to stay in constant communication with Facilities and Operations, so we know what might be hitting us next year."

"For example, the current move for pharmacy from the dent/pharm building to medical sciences was initiated over a year ago."

Though her office is going flat out for the start of the school year, Vocioni says she does peek up from her timetables once in awhile.

"I like the university environment; you look out the window and there are all sorts of students walking around, and I think that is great to see," she said. "Sometimes we forget that's who we're here for, those students." ■

## staff spotlight



Anna Vocioni

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## Aboriginal students get warm welcome at TAWOW

Bev Betkowsky

Christian Guimond grew up believing in volunteerism and helping others, so attending a booth fair as part of his University of Alberta orientation was an exciting prospect for the first-year engineering student.

The 18-year-old, who spent most his young life in the northern Alberta town of Swan Hills, was looking forward to checking out opportunities for personal and community growth as he took part in the U of A's Aboriginal Week of Welcome event Aug. 31.



Christian Guimond (right) enjoyed meeting new people and finding out about volunteer opportunities at the U of A's Aboriginal Week of Welcome event Aug. 31.

Known as TAWOW for short, the event, held in the education building gym, featured snacks, information booths and—thanks to several community and campus donors—250 free U of A backpacks stuffed with student essentials.

Guimond was among hundreds of Aboriginal students who eagerly explored what TAWOW had to offer.

"If I could find anything with the booths that is related to volunteering, especially within the First Nations community, I'd gladly do it," said Guimond, who tries to follow in the footsteps of his great-grandfather, awarded the Order of Canada for humanitarian service.

Now in its third year, TAWOW welcomes new and returning Aboriginal students and connects them with programs and services that will help them succeed, said Shana Dion, director of the university's Aboriginal Student Services Centre.

"TAWOW celebrates the arrival of all of our students to campus and invites in many organizations that provide guidance and encouragement, offer a wealth of resources and showcase how our students can be part of the larger community," Dion said.

The U of A is a community hub as much as it is a school for many of the students, she noted.

"The University of Alberta is not only a place for students to continue their academic journeys, but also a place to invest in with their families, and to call Edmonton home." ■

# TLEF grant sees medical education at centre stage with a little drama

Michael Brown

If William Shakespeare is right, and all the world is a stage, then there's no harm getting a little practice in before it really matters.

That's the idea behind an innovative Teaching and Learning Enhancement Fund project that uses a theatre setting to promote engaged learning related to challenging or difficult topics in medical education. The approach, known as forum theatre, facilitates interactive dialogue within a variety of classroom settings.

Pamela Brett-MacLean, professor with the Division of Studies in Medical Education and director of the Arts and Humanities in Health and Medicine program, says this approach to learning promotes dialogue between the audience and

those performing on stage. Actors, typically students, perform a short, small-group learning situation that "goes to hell"—for example, a situation in which a family confronts a loved one about seeking help for an addiction. The scene is then replayed again and again, with audience members not only invited to intervene and offer options for addressing aspects of the problematic situation, but also encouraged to take to the stage and physically act out their solution.

"The actors will improvise the response in a truthful way," said Brett-MacLean, who is teaming up with Verna Yiu, executive vice-president and chief medical officer with Alberta Health Services, to deliver the program. "If the [intervention] doesn't get to the root of the problem, then the actors will

keep responding naturally and [the problem] will persist."

Brett-MacLean says forum theatre allows the audience to reflect on what's happening, and "helps make visible a lot of our social-relational intelligence that is hard to put into words sometimes."

"How can we make things go better? I think it helps sometimes if you work it through with your actual body, with actual interactions with other people," she said.

The project, entitled "All the Class Is a Stage: An Accessible, Interactive Approach to Exploring Challenging Topics in Medical Education Through Forum Theatre," will use \$20,000 in TLEF funding in two phases. First, a faculty development workshop Sept. 28 and 29 facilitated by David Diamond, renowned theatre director, will introduce medical educators to the process.

In the second phase, Brett-MacLean and Yiu will recruit workshop participants to consider further developing the interactive forum-theatre scenarios, and help educators evaluate the introduction of their forum-theatre scenario in existing courses and curricula over the next year and a half.

This project builds on a successful forum-theatre innovation introduced in 2008 to the "Introduction to Medicine & Dentistry" (DMED 511) course offered by the Faculty of Medicine & Dentistry.

## TLEF

"The TLEF grant opportunity is helping us to expand use of forum theatre in other educational settings," said Brett-MacLean. "The TLEF initiative is important to educators at the university as it offers opportunities for them to introduce and evaluate new innovations, while reflecting on the process of teaching and learning with respect to values of the university,

including respect for participatory engagement and democratic citizenship."

David Diamond, artistic director and forum theatre expert, will also be on hand to give a public talk Sept. 27 from 5–6 p.m. at the Allard Family Lecture Theatre, Katz Group Centre. All are welcome. For more information, email [pbrett-maclean@med.ualberta.ca](mailto:pbrett-maclean@med.ualberta.ca).



Pamela Brett-MacLean (left) and Verna Yiu are taking the lead role on a project designed to help medical educators teach real-life scenarios using theatre.

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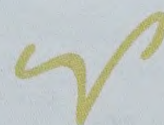
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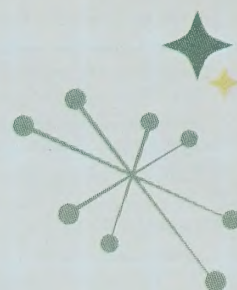
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#### FRIDAY, SEPTEMBER 21

##### **School of Business:**

Class of 1962 Anniversary Dinner

##### **Computing Science:**

Alumni Reception

##### **Earth & Atmospheric Sciences:**

Centennial Celebrations

Visit [http://easweb.eas.ualberta.ca/  
page/events](http://easweb.eas.ualberta.ca/page/events) for details

##### **Education:**

Homecoming Luncheon

##### **Engineering:**

- Class of 1952 Alumni Luncheon
- Dean's Reception (for all Engineering alumni)

##### **Law:** Centenary Gala

##### **Physical Education & Recreation:**

- 50th Anniversary of Recreation and Leisure Studies
- Pub Night

##### **Rehabilitation Medicine:**

Back Pain Symposium

##### **School of Public Health:**

Dean's Wine, Cheese and Strings

##### **Science:**

Department Events, Campus Tours & Lectures are listed online

#### SATURDAY, SEPTEMBER 22

##### **Agricultural, Life & Environmental Sciences:**

Alumni Breakfast

##### **School of Business:**

Dean's Brunch and Open House

##### **Earth & Atmospheric Sciences:**

Centennial Celebrations

Visit [http://easweb.eas.ualberta.ca/  
page/events](http://easweb.eas.ualberta.ca/page/events) for details

##### **Engineering:**

- Dean's Alumni Breakfast (for alumni from 1967 and earlier)
- Cocktail Reception
- Engineering Expo

##### **Fraternity Alumni Chapter:**

Fraternally Yours: Open House and House Tours

##### **Law:** Open House & Dean's Lunch

##### **Library & Information Studies Alumni Association:**

Celebration Pastry Brunch

##### **Medicine & Dentistry:**

- Medical Reunion Reception
- Dental Hygiene Alumni Reception

##### **Nursing:**

- Open House and Learning Resource Centre Tour
- 1st Annual Faculty of Nursing MN & PhD Alumni Reunion

##### **Pharmacy & Pharm. Sciences:**

Reunion Brunch and Tour

##### **Physical Education & Recreation:**

Breakfast with the Dean (25, 40 & 50-year classes)

##### **Physics:**

See listings in "Tours" below and go online for a list of lectures

##### **Rehabilitation Medicine:**

Alumni Brunch, Faculty Talks and Tours

##### **Science:**

Department Events, Campus Tours & Lectures are listed online

#### SUNDAY, SEPTEMBER 23

##### **University Symphony and Symphonic Wind Ensemble in Concert**

2:00 p.m.

### LECTURES

Back pain, black holes, lasers and more. Check online for the full lecture schedule.

### CAMPUS TOURS

- Athabasca Hall Tour
- Atkins Shell Collection
- Biology Greenhouses
- Birds of a Feather: The Ornithology Collection
- Bug Bonanza! Strickland Entomological Museum
- Campus Art Walk
- Dating the Earth, Diamonds, & Killer Whales: Everyday Research in EAS
- Devonian Botanic Garden Tour & Lunch
- Dinosaurs in the Dungeon
- Edmonton Clinic Health Academy Tour
- Fantastic Fossils & Magnificent Minerals
- Geoscience Garden
- Human Ecology Clothing & Textiles Collection Tour
- Low Temperature Quantum Nanoscience Lab
- Observatory
- Paleomagnetism Lab
- Sam Steele: The Journey of a Canadian Hero
- Ultrafast Laser Labs
- What's New in the Chemistry Centre?

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## SIGNATURE EVENTS

### ALUMNI RECOGNITION AWARDS

**THURSDAY, SEPTEMBER 20**

7:00 p.m. – 8:30 p.m.

Join us to celebrate the outstanding accomplishments of U of A grads.

### A Decade Out

**FRIDAY, SEPTEMBER 21**

7:30 p.m. – 11:00 p.m.

Hey grads of the last decade, let's mix, meet and mingle. Great draw prizes up for grabs including a trip for two to the Hopscotch Festival in Vancouver and Esks tickets.

### Dinner & Dance

**SATURDAY, SEPTEMBER 22**

6:00 p.m. Cocktails, 7:00 p.m. Dinner

Party at the grand event of the weekend, with tributes to anniversary classes, a delicious three-course meal including interactive dessert stations, and a DJ spinning tunes from past and present.



### TUCK SHOP TENT

**FRIDAY** September 21: 10 a.m. – 6 p.m.

**SATURDAY** September 22: 9 a.m. – 4 p.m.

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Stop by the TD Insurance Meloche Monnex table in the tent and enter to win an Oilers Prize Pack valued at over \$500.

### CAMPUS EXPRESS

Campus Express golf carts will roam campus Friday & Saturday, fully equipped with friendly and knowledgeable drivers. Come to the Tuck Shop Tent to find one!

**FRIDAY, SEPTEMBER 21**

### COFFEE TALK

Friday, 11 a.m.:

**Graham Buksa**, '04 BSc(Eng)

The longboarding innovator speaks about "carving a passion into a career."

### CLASS REUNIONS

Visit the Tuck Shop Tent to catch up with friends & receive a special gift.

**Celebrate '52:** 2:00 – 3:30 p.m.

Hula-hoops, dancers, music from the 50's and more!

**Celebrate '62:** 3:30 – 5:00 p.m.

Gentleman Juggler, dancers, music from the 60's and more!

**SATURDAY, SEPTEMBER 22**

### CLASS REUNIONS

Visit the Tuck Shop Tent to catch up with friends & receive a special gift.

**Celebrate '72:** 2:30 – 4:00 p.m.

Disco on stilts, music from the 70's and more!

**Celebrate '87:** 11:30 a.m. – 1:00 p.m.

Aerobics on stilts, music from the 80's and more!

### DINER & MOVIE NIGHT



**George Lucas' American Graffiti**

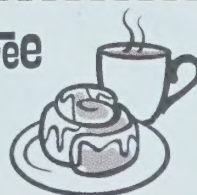
Saturday, 7:30 p.m.

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# Feathered dinosaurs feasted on flying food

Brian Murphy

University of Alberta researchers have found evidence that a feathered but flightless dinosaur was able to snag and consume small flying dinosaurs.



The U of A paleontology team found the fossilized remains of three flying dinosaurs in the belly of *Sinocalliopteryx*, a raptor-like predator that was about two metres long and roughly the size of a modern-day wolf.

*Sinocalliopteryx*'s flying meals were three *Confuciusornis*, one of the earliest known birds, which had a crude version of a modern bird's skeleton and muscles. The

researchers say such primitive birds were probably limited to slow take-offs and short flights.

According to the researchers, this is the first time a predator has been linked to the killing of multiple flying dinosaurs.

Scott Persons, a U of A paleontology student and research co-author, says *Sinocalliopteryx* may have used stealth to stalk the flyers. "*Sinocalliopteryx* didn't have wings or the physical tools needed to be an adept tree climber."

Persons explains that *Sinocalliopteryx* had feathers or hair-like fuzz covering its body, creating a level of insulation that helped maintain a warm body temperature and a high metabolism that required a lot of food to fuel.

"The fact that this *Sinocalliopteryx* had not one, but three undigested birds in its stomach indicates it was a voracious eater and a very active hunter," said Persons.

This find was made in China's Liaoning province. U of A researchers also analyzed stomach contents of a second *Sinocalliopteryx* fossil discovery from that area. The researchers identified this *Sinocalliopteryx*'s last meal as a *Sinornithosaurus*, a small feathered meat-eater about the size of a house cat that may have been able to fly or glide short distances.

"*Sinornithosaurus* is a relative of *Velociraptor*, which means this is

the first direct evidence of a raptor becoming another predatory dinosaur's meal," said Persons.

The research was led by Lida Xing, a U of A master's paleontology student. The U of A co-authors include Tetsuto Miyashita, Michael Burns and Philip Currie. The research was published Aug. 29 in the journal *PLoS ONE*.

"This is the first direct evidence of a raptor becoming another predatory dinosaur's meal."

Scott Persons



Artist's rendering of *Sinocalliopteryx* making meals of *Confuciusornis*, one of the earliest known birds (above), and *Sinornithosaurus*, a small feathered meat-eater.

## U of A physicist joins NASA's space-storm chase

Brian Murphy

There was probably no one looking forward to the morning of Aug. 30 with more anticipation than University of Alberta physics professor Ian Mann, when an Atlas rocket lifted a pair of NASA satellites into orbit from Cape Canaveral, Florida.

Mann was appointed a NASA co-investigator on the \$700-million mission that will see two satellites monitor space radiation storms headed towards Earth.

Mann describes space radiation as highly energetic particles in a doughnut-shaped belt surrounding Earth. Periodic blasts of solar activity can whip the particles up to nearly the speed of light, and the resulting space storms can knock out communications satellites and endanger the health of astronauts. International Space Station personnel could be vulnerable when required to make spacewalks.

"The focus of this mission of discovery is to understand the mechanisms that generate space radiation, and eventually we hope to be able to predict them," said Mann.

The NASA mission, named Radiation Belt Storm Probes, is sending the two satellites into the Van Allen Belt, one of the most dangerous regions of outer space.

"The satellites will fly in slightly different orbits so they'll give us complete coverage of any incoming space storms and measure the scale of disturbances from two points," said Mann. "These satellites will fly right into the heart of the radiation belt."



Two new NASA satellites launched Aug. 30 will monitor space storm activity with the help of U of A researcher Ian Mann.

Mann has been connected to the mission since the planning stages. Throughout the two-year orbital mission, he will be meeting with other co-investigators and analyzing space storm data sent back to Earth.

"NASA is recognizing the U of A's experience in space storm research," said Mann.

This is not the first time Mann has been appointed a co-investigator on a NASA space storm project. In 2009, he led a team of U of A researchers in using ground-based monitors and satellites to pinpoint the impact epicentre of space storms as they crashed into Earth's atmosphere.

Mann says the success of the new mission could influence future space exploration.

"In the future, manned expeditions to far-off planets like Mars will involve assembling space vehicles in the zero gravity of low Earth orbit," said Mann. "To do that safely we'll have to know just how dangerous space storms can be for people and how to predict when they're coming our way."



## GET BEHIND IT

### THE BIKE BOX

Edmonton's first bike box has been installed on 116 Street at 87 Avenue

The bike box makes intersections better for everyone. It allows cyclists to clear the intersection ahead of cars. This makes cyclists more visible and helps motorists and cyclists watch out for each other.

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# Fulbright scholars join selective company



Fulbright scholars Donald Holly (left) and Stephen Charbonneau say the U of A's strengths suit their research interests in anthropology and film studies.

Jamie Hanlon

Stephen Charbonneau and Donald Holly belong to an illustrious group that includes such notable alumni as John Lithgow and Dolph Lundgren. But Charbonneau and Holly aren't actors; they're Fulbright scholars. They can also assert something Lithgow or Lundgren cannot: their presence at the University of Alberta.

Holly, an associate professor of anthropology at Eastern Illinois University, and Charbonneau, an assistant professor of film studies at Florida Atlantic University, will spend the next four months at the U of A working with students and faculty while reviewing and furthering their own research projects. Both scholars found the university suited their quest for learning and discovery.

"I hope to come away with some colleagues too. I think that's what the Fulbright is about—creating relationships that carry on with you through your career."

Donald Holly

fellow researchers and students on the extensive research he has conducted already—a process he hopes will be enlightening and beneficial. With the U of A's strong interdisciplinary program and the presence of the Alberta Institute for American Studies, he values the opportunity to promote the significance of cross-cultural scholarship.

"This is a once-in-a-lifetime opportunity for me and a chance for me to share my research material with faculty members and students, and to start conceptualizing and writing," said Charbonneau. "[The U of A has] great scholars; I know just by engaging in dialogues, sharing research and participating in colloquia, I'm going to be changed."

This is Holly's second Fulbright junket to Canada. (His first, as a grad student, took him to Newfoundland.) This time, he will be working on a book with a distinctly Canadian connection. Although his expertise lies in the realm of eastern sub-Arctic archeology, he's hoping to exchange ideas and knowledge with U of A researchers who specialize in the western sub-Arctic. Exchanging information and ideas is important to Holly, but he also foresees a longer-term dividend from his time here: networking.

"There are a lot of reasons to come to the University of Alberta, for me. I'm looking forward to the connection with First Nations communities and learning from the native studies perspective," said Holly. "I hope to come away with some colleagues too. I think that's what the Fulbright is about—creating relationships that carry on with you through your career."

Established in 1946, the Fulbright Program is a merit-based grant for international educational exchange for students, researchers and professionals. Under the scholar grant, American scholars and professionals are given the opportunity to conduct research, lecture and consult with other scholars and institutions abroad for up to one year. ■

# 12 more awarded Diamond Jubilee medals

Michael Brown

The list of University of Alberta's Queen Elizabeth II Diamond Jubilee Medal winners continues to swell as more members of the campus community are honoured with the award.

The medals, which have been and will continue to be handed out during ceremonies in Alberta throughout 2012, were designed to thank Canadian citizens for their spirit of service that has helped define the 60-year reign of Her Majesty Queen Elizabeth II.

The newest recipients represent diverse fields including medicine, biological sciences, geology and engineering.

Arvind Koshal, a professor emeritus of cardiology, came to the U of A in 1991 to become the director of the Division of Cardiovascular and Thoracic Surgery at the University of Alberta and surgeon-in-chief of cardiovascular surgery at the University of Alberta Hospital. He was a member of the team that performed the first total artificial heart implant in Canada. He also performed Canada's first Thoratec left ventricular-assist device implant.

Ian Stirling, an adjunct professor in the Department of Biological Sciences and an emeritus research scientist with the Canadian Wildlife Service, has spent his almost 50-year career studying polar bears and polar seals.

David Schindler, a professor in the Department of Biological Sciences, is an internationally celebrated scientist who has led efforts to protect freshwater resources in Canada and around the world.

Shrawan Kumar, a professor emeritus in the Faculty of Rehabilitation Medicine, was recognized for his contributions to the field of rehabilitation ergonomics in Canada and abroad, notably in his research and teaching on the causation, prevention and treatment of musculoskeletal injuries.

Nat Rutter, professor emeritus in the Department of Earth and Atmospheric Sciences, put

Canada on the map as a leader in Quaternary scientific research and was connected to ambitious international efforts to understand past changes in the Earth's climate. He was chair of the U of A's geology department from 1980 to 1989.

Charles Stelck, a professor emeritus of geology, is considered one of the fathers of the oil industry in Alberta. It was Stelck's idea of searching for oil and gas near ancient coral reefs that led his former students to help discover the drill site Leduc No. 1 in 1947 and Alberta's Pembina Field in 1953.

Norbert Morgenstern, a professor emeritus in the Faculty of Engineering, focused his research on the stability of earth and materials, as well as on the movement of materials in the Earth. He counts his contribution to the development of the Norman Wells pipeline in Northern Canada, which was the first pipeline buried in permafrost and continues to be used today, as among his career highlights.

Bob Steadward, professor emeritus in the Faculty of Physical Education and Recreation, is the founder and honorary president of The Steadward Centre, a fitness, research and lifestyle facility for people with physical disabilities, located at the U of A. Among many volunteer capacities, he is honorary president of the International Paralympic

Committee, where he served as founding president from 1989 to 2001.

Leonard Ratzlaff is one of Canada's foremost conductors and music educators. Through his work at the U of A, and with various choral groups and organizations, he has mentored countless music students and helped to create Alberta's reputation as a national and international leader in choral music.

Each of the above Diamond Jubilee Medal recipients has been named to the Order of Canada.

Bruce Ritchie, professor in the Division of Hematology, was awarded a Diamond Jubilee Medal for his decade-long service to the Canadian Hemophilia Society, where he served as chair of the CHS medical and scientific advisory committee and CHS medical advisor.

Other recipients of the award include a pair of former university chancellors: Louis Hyndman, long-time Member of the Legislative Assembly of Alberta and officer of the Order of Canada, and Eric Newell, oil-industry leader and officer of the Order of Canada. ■

**NOTE:** In the Aug. 17 Folio story "11 U of A pioneers awarded Diamond Jubilee Medal," while listing Lorne Tyrrell's many accomplishments, we failed to mention that he is also an officer of the Order of Canada.



## Call for Consultation

By the Selection Advisory Committee for the Vice-Provost and University Registrar

Mr. Gerry Kendal has announced that he will step down as Vice-Provost and University Registrar, ending his term effective June 30, 2013. Therefore, a Selection Advisory Committee has been established.

At this point, the Selection Advisory Committee asks for your opinion on the leadership needs of the Office of the Registrar in the years ahead, and any other key issues. You are urged to contact members of the Committee, or write to me as Committee Chair, to express your views on the priorities of the Office of the Registrar, its current issues and future direction. All feedback may be shared with the Selection Advisory Committee. In order to facilitate the Committee's work, please submit your comments by **Friday, November 30, 2012**.

In addition, individuals who wish to stand as a candidate are invited to apply. Individuals may also nominate others who they feel would be suitable candidates.

The selection of a Vice-Provost and University Registrar is vital to the academic success of the University of Alberta. I therefore ask you to take the time, even at this busy point in the academic year, to give some thought to the future of this Office. Your views are important to us. Thank you for your assistance.

Please forward your comments to the address/e-mail below. You may also share your views with any member of the Committee (contact information at right).

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Vice-Provost and Associate Vice-President (Academic)  
Chair, Selection Advisory Committee  
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University of Alberta  
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**Ashley Burrig de Moscoso**  
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# news [shorts]

folio presents a sample of some of the stories that recently appeared on the ualberta.ca news page. To read more, go to [www.news.ualberta.ca](http://www.news.ualberta.ca).

## Playing down the generational divide

Interviews with seniors and university students who work side by side in GeriActors and Friends, an Edmonton theatre group, showed some surprises on both sides of the generational divide, said lead researcher Janet Fast, a professor in the Department of Human Ecology.

After working onstage with their senior counterparts, youths said they were no longer afraid of aging themselves, said Fast. In their interviews, many of the students said they had mistakenly assumed elderly people were lonely, disabled and dependent, but instead found them to be "playful, young and genuine." The seniors, in turn, liked the energy of their youthful counterparts and also expressed a newfound confidence in them as future citizens.

The research stems from a larger project shared by Human Ecology's Research on Aging, Policies and Practice team. The project explores theatre and involvement in the arts as a pathway to healthy aging.

"Negative stereotypes about youths and seniors cause an artificial divide and fear of the other generation. Unfair beliefs about dependency among seniors and about a lack of commitment and work ethic of today's youth are not good for society," said Fast. "That can segregate whole groups of people and devalue what each generation contributes."

## Income, 'screen time' affect junk food consumption

Preschoolers from low-income neighbourhoods and kids who spend more than two hours a day in front of a TV or video-game console have at least one thing in common: a thirst for sugary soda and juice.

Researchers found that 54.5 per cent of four- and five-year-olds from poorer neighbourhoods drank at least one soda per week—far more than the 40.8 per cent of kids from higher socioeconomic backgrounds.

Researchers found similar drinking habits among preschoolers who spent more than two hours of "screen time" per day—watching TV or playing video games. Kids from poorer neighbourhoods sat in front of screens more often, and drank larger volumes of sweetened beverages.

"Dietary behaviour and intake patterns are influenced heavily by what happens in the first few years with children, and they maintain those patterns throughout childhood and into adolescence," said John Spence, researcher in the Faculty of Physical Education and Recreation. The research was funded by the Heart and Stroke Foundation of Canada and Canadian Institutes of Health Research.

## New Westgen surgical suite now taking patients

A new surgical unit located within the Dairy Research and Technology Centre on the South Campus began taking its first patients recently.

Thanks in large part to a \$150,000 donation from Westgen, a western Canadian cattle insemination agency, the suite will serve as a valuable educational enhancement to the rapidly growing Animal Health program offered by the Department of Agricultural, Food and Nutritional Science.

"This surgical suite fills a long-term need for a dedicated clean room for surgeries, veterinary procedures and specialized research techniques in reproductive physiology," said Divakar Ambrose, Agriculture and Rural Development professor. "It minimizes the risk of injury to animals and personnel and provides a safe environment for training students."

## Volleyball Centre of Excellence opens

Volleyball Canada, in conjunction with the Faculty of Physical Education and Recreation, which houses Golden Bears and Pandas Athletics, opened a Volleyball Canada Centre of Excellence at the Saville Community Sports Centre in September 2012.

The centre will offer elite-level volleyball athletes physical, psychological, technical and tactical training with professional coaches, leading sport scientists and professors from the U of A. The initiative was created in partnership with Volleyball Canada and Own the Podium, and with various regional associations including the Alberta Volleyball Association.

Mike Ling, a longtime coach with the Pandas, will serve as the VCCE manager and head coach of the women's program. Brad Poplawski, a former Golden Bears assistant coach and player, has been instituted as head coach of the men's program.

"The ultimate goal is to train and develop athletes into high-performance athletes," said Ling.

## Disabled Pakistani women abandoned after quake

Zubia Mumtaz, an assistant professor in the School of Public Health, worked with a team of graduate students to document the experiences of paraplegic women three years after the 7.6-magnitude quake that devastated Kashmir, Pakistan in 2005, killing 80,000 and injuring 100,000. They found that women—far more than men with similar spinal cord injuries—continue to endure hardships years later, including abandonment by spouses and families.

Of 30 paraplegic women who were married at the time of the quake, 24 were abandoned by their husbands and left at the National Institute of Rehabilitation Medicine, some with their children. Husbands remarried women—often young brides—who could be easily manipulated and fulfil household duties such as child-rearing, farming and fetching water, she said.

"These are very invisible women. The women are invisible, the issues are invisible. This kind of research helps remove the cobwebs and bring attention to them; and hopefully improve their quality of life," said Mumtaz.

# University mourns loss of student athlete

Lana Cuthbertson

The University of Alberta community is mourning the sudden loss of arts student Isaak Kornelsen, who died Aug. 27 after being hit by a cement truck while riding his bicycle on Whyte Avenue near 101 Street. He was 21.

Kornelsen was working on a double major in philosophy and science, technology and society, an interdisciplinary field in the Faculty of Arts.

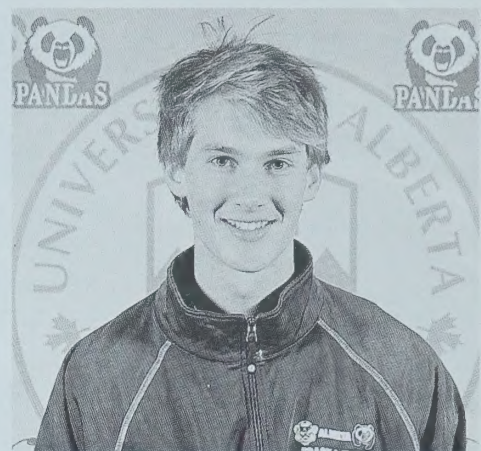
Nathan Kowalsky, who taught Kornelsen in both a philosophy and an STS class, said he was "a wonderful guy" and "absolutely outstandingly brilliant."

"Every once in awhile you get a student and you go, 'Wow, this person needs to go on in his field'; he's that kind of bright light," Kowalsky said. "He was one of those people you just love to hang out with, love to chat with; every time you saw him you just smiled."

"I'll chat with my colleagues and they'll say, 'Hey, I've got this really brilliant student,' and we go, 'Hey, it's the same one.' That was Isaak."

Kowalsky added, "He would have been in the top one per cent of the students I've taught."

Kornelsen was also an accomplished athlete who won several track and field running competitions in high school. As part of the U of A's track and field team, he won a bronze medal in the 4X800-metre relay and finished sixth in the 600-metre race at the Canada West championships in 2010.



Isaak Kornelsen

Glen Playfair, who coached Kornelsen in high school and university, both through the U of A and the Edmonton Thunder track and field club, said his star pupil was a very talented athlete.

"He was one of the top juniors in the country and had a very promising future," said Playfair, who noted that Kornelsen had one semester to go before taking some time to travel and map out his future. "He was quiet, gentle, very polite, an extremely nice person—you couldn't ask for a nicer person." ■

# Invasive species crisis elicits global symposium

Ken Mathewson

Experts and academics from around the world assembled at the University of Alberta from Aug. 8 to 10 for a series of workshops to discuss a collaborative approach for dealing with the issues regarding climate change and its effect on invasive species of plants, animals and insects.

"You can't prevent climate change, so the real goal here is to predict what's going to happen, and then to do one of two things: prevent it from happening or mitigate the effects."

Linda Hall

Linda Hall, professor in the Faculty of Agricultural, Life and Environmental Sciences, brought together experts from across the Worldwide Universities Network to study the effects of climate change and invasive species. Specialists from the faculties of science and

ALES met with representatives from the universities of Sydney, Auckland, Western Australia and Pennsylvania State, as well as from the Government of Alberta, to advance their knowledge on the issue and to develop collaborative research projects that can be used to fight the problem on a global level.

The Worldwide Universities Network is a system of 18 post-secondary institutions that enhances collaboration between its members to establish research excellence on a global level. It is currently chaired by U of A President Indira Samarasekera.

Although the thought of climate change typically conjures up images of melting ice caps and severe weather, many of the species discussed at the symposium pose easily as great a threat to the global environment. The Diversitas Global Invasive Species Programme, an international non-profit partnership dedicated to tackling the global threat of invasive alien species, estimates that the economic impact caused by invasive species is a minimum of \$1.4 trillion per year, or nearly five per cent of the global economy.

"Species are designed to disperse," said Hall. "That's evolution."

Unfortunately, with climate change there are a lot more places where these species can live. We used to be guarded by climate, but with climate change, we lose that protection."

Despite the conference's global theme, ramifications of climate change and its effect on invasive species can be felt close to home, as with the mountain pine beetle epidemic in British Columbia. According to a 2012 report from the B.C. Ministry of Forests, the tenacious insect has destroyed "an estimated 710 million cubic metres of commercially valued pine timber, 53 per cent of all such pine in the province."

"You can't prevent climate change," said Hall, "so the real goal here is to predict what's going to happen, and then to do one of two things: prevent it from happening or mitigate the effects."

Samarasekera describes the group as "dedicated to making significant advances in knowledge and understanding in areas of global concern, bringing together the experience, equipment and expertise necessary to tackle the big issues facing societies, governments, corporations and education." ■

# Finding a place for Viking sporting lore

Folio Staff

The Augustana Campus has named the first six bricks in the Vikings Wall of Fame.

The list includes the Servold brothers, Clarence (1946) and Irvin (1952), both of whom competed for Canada at the 1956 and 1960 Olympic Winter Games in cross-country skiing events, while Irvin also competed in the Nordic combined in 1960; Yvonne Visser (1985), who was a Canadian national team biathlete for 12 years, including two Olympic Winter Games in 1992 and 1994; Garry "Gibber" Gibson, who designed the outdoor leadership program at Augustana as well as the school's cross-country and biathlon programs; Karel Lunde, who built the Vikings football program into an East Central Alberta

powerhouse from 1959 to 1985; and the famed 1974-75 Vikings hockey team.

That particular squad—made up of future farmers, teachers and pastors out of a school of 390 students—won the first Canadian Colleges Athletic Association hockey championships in Sydney, Nova Scotia.

The win on the national stage paved the way for a season played in Europe, and then the inaugural 1981 Viking Cup hockey tournament in Camrose. The small, rural Alberta community hosted teams from across the United States and Europe for 25 years until its final medal ceremony in 2006.

In 2009, the 1974-75 Vikings were inducted into the Alberta Hockey Hall of Fame. ■



# talks & events

Talks & Events listings do not accept submissions via fax, mail, email or phone. Please enter events you'd like to appear in folio and at [www.news.ualberta.ca/events](http://www.news.ualberta.ca/events). A more comprehensive list of events is available online at [www.events.ualberta.ca](http://www.events.ualberta.ca). Deadline: noon one week prior to publication. Entries will be edited for style and length.

## UNTIL SEPT. 30

**Sam Steele: The Journey of a Canadian Hero.** This is the much-anticipated public presentation of the Sir Samuel Steele Collection. Steele was an iconic and influential leader who was instrumental in policing Western Canada and the Yukon and participated in many of Canada's most historic military campaigns. For the first time, visitors will have the opportunity to view the personal photographs, letters and diaries of this iconic Canadian, brought to life through video re-enactments, a 100-foot timeline of his life and travels, and an engaging audio tour. People of all ages will enjoy the opportunity to join Sam Steele as he journeys across Canada and overseas, experiencing his

## laurels

**Stephen Strelkov**, associate professor of plant pathology, was honoured with the Outstanding Young Scientist Award from the Canadian Phytopathological Society at its annual meeting in Niagara Falls this year for his work in combating clubroot disease in canola plants.

**Linda Reha-Krantz**, professor in the Department of Biological Sciences, received the 2012 Minerva Mentoring Award from the Alberta Women's Science Network.

unique perspective as he helped to build our nation. Enterprise Square.

## SEPT. 10-14

**Distinguished Visitor.** Michael Lynch, professor of Science and Technology Studies at Cornell University, will be on hand to conduct a series of lectures, seminars and research workshops. Lynch is internationally recognized as a key scholar in theorizing approaches to understanding the production of knowledge through the study of ordinary action, and to pioneering empirical research in the laboratories, clinical settings and legal environments where science and expertise take place.

## SEPT. 10

**Science, Expertise and the Law.** 1-3 p.m. 2-420 Edmonton Clinic Health Academy.

**Knowledge Harvesting From Text and Web Sources.** Gerhard Weikum, scientific director of the Max Planck Institute for Informatics in Saarbruecken, Germany. 3-4:30 p.m. B-10 CSC.

## SEPT 10-12

**Department of Chemistry Gunning Lecture Series.** Michael Fayer, professor at Stanford University, will be on hand to give three lectures. Lecture no. 1 (Sept. 10) Ultrafast 2D IR Vibrational Echo Spectroscopy. 3:30-4:30 p.m. 1160 CCIS 1160. Lecture no. 2 (Sept. 11) Water in Crowd. 2:30-3:30 p.m. E3-25 Chemistry. Lecture no. 3 (Sept. 12) Room

Temperature Ionic Liquids. 3:30-4:30 p.m. E3-25 Chemistry.

## SEPT. 11

**Centenary Speakers Series – Trans-Pacific Trade Agreement.** Amokura Kawharu, senior lecturer in the Faculty of Law at the University of Auckland, New Zealand will speak on this topic. RSVP to Katherine at 780-492-3296. Noon-1:30 p.m. 231/237 Law Centre.

**13th Annual Dr. Gerald Zetter Memorial Lecture.** Kenneth Rockwood will speak on Seniors Health: The Joy of Geriatrics. Noon-1 p.m. Bill Black Auditorium, Glenrose Rehabilitation Hospital.

**'Eskimo' Immigrants and Indigenous Subjects: Icelandic-Aboriginal Interaction in North America, 1871-1969.** Lori Bertram will lead this talk. 4-5:30 p.m. 2-58 Tory.

**U of A Faculty Women's Club Annual Wine & Cheese Registration Social.** Female AASUA affiliated staff or their female spouses/partners are welcome to join us in meeting and making new friends through involvement in a variety of activities. The club offers several dozen interest groups, from Gourmet Dining and Lunching Out to Art Gallery Tours, Book Discussion Groups to Garden Club, and French Conversation to Walking with Waggers, to name a few. 4-6 p.m. Faculty Club.

## SEPT. 12

**Images in Nanotechnology: Art, Revelation and Obscurity.** This presentation by Michael Lynch explores a

range of different types of nanotechnology images, and critically addresses the question of how the visual imagination displayed by such images relates to a deeply invisible realm. Panel discussion to follow. 4:30-6:30 p.m. 2nd Floor ECHA. Information and registration at [www.ualberta.ca/~kjones4/lynch.html](http://www.ualberta.ca/~kjones4/lynch.html)

## SEPT. 13

**Frontiers in Biology Lecture.** The Historical Assembly of Ecological Communities will be delivered by Robert Ricklefs, curators' professor of biology at the University of Missouri, St. Louis. 5-6 p.m. 1-440 CCIS.

**Kule Dialogue: ...In Realms of Sound and Perception: Contemporary Art Music for the Piano.** This lecture-recital is an invitation into evocative sound worlds and intriguing notations created by modern composers. 7-8:30 p.m. Convocation Hall, Arts Building.

## SEPT. 14

**Keeping Siksika Winter Counts Into the 20th Century.** Blanca Tovias, post-doctoral fellow with the Australian Research Council, will be giving this lecture. 2:30 p.m. 2-06 Pembina Hall.

## SEPT. 19

**Science, Evolution and Religion in 19th-Century Britain.** Bernard Lightman, professor at York University, will give a talk that will focus on the Metaphysical Society as a forum wherein Victorian intellectuals grappled with the problem of defining knowledge

in the specific context of the 1870s. Noon-5 p.m. 2-58 Tory.

**Economics Seminar: Badi Baltagi**, professor at Syracuse University, will be on hand to give this talk. 3:30-5 p.m. 8-22 Tory.

## SEPT. 20-23

**Alumni Weekend 2012.** The entire campus is ready to welcome you back! For more details, visit [www.ualberta.ca/alumni/weekend](http://www.ualberta.ca/alumni/weekend).

## SEPT. 21

**Centenary Gala.** Join the Faculty of Law in celebrating 100 years of excellence. The keynote speaker is chief justice Beverley McLachlin (Gold medalist, U of A class 1968) 5:30 p.m. Shaw Conference Centre. Tickets are \$150.

## SEPT. 22

**Engineering Expo.** Engineering Expo is your opportunity to learn about engineering—and it promises to be just as exciting and engaging in 2012. 10 a.m.-3 p.m. Atrium, ETL.

## SEPT. 24

**Centennial Lectures.** A Public Presentation: From Insulin to the Edmonton Protocol and Beyond... How Will New Science Improve the Lives of Patients with Diabetes? Speakers are Peter Senior and Patrick MacDonald. 5-7 p.m. Allard Family Lecture Theatre. Katz Group Centre for Pharmacy and Health Research.

## classified ads

### ACCOMMODATIONS FOR RENT

The following 4 homes are for lease by Gordon W.R.King & Assoc. Real Estate Corp. Amazing views, large homes, and much more!

**TOP FLOOR RIVER GRANDE IN RIVERDALE.** Million \$\$\$ location & views, vibrant neighborhood w/ small town feel. West & South views. 2 bedrooms, 2 baths, loft. Rent includes: heat, cable TV, water, tandem underground parking, car wash bay, storage, up to date games, social and fitness rooms, in suite laundry, all appl. A short walk/bike/drive downtown, U of A and Refinery Row. Call for details, more photos, showings. Available after Sept 15. Link to [www.rentedmonton.com/Detail.aspx?prop=de7480fb-ce62-4f9b-b6db-aed133f-7cdee](http://www.rentedmonton.com/Detail.aspx?prop=de7480fb-ce62-4f9b-b6db-aed133f-7cdee). Call Michael Jenner/Janet Fraser Agents to View 780-441-6441 or email [mikejenner@me.com](mailto:mikejenner@me.com).

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**2 STOREY HOUSE IN SOUGHT AFTER UNIVERSITY AREA.** Main: mudroom, lobby, living and dining rooms, WC, kitchen (new range, fridge, dishwasher, insinkerator, and microwave). Upper: 3 bedrooms, walk-in closets, bathroom (cast-iron tub, walk-in closet). Basement: storage, washing machine, dryer. Split-level deck enclosed garden, new 2-car garage. Corbett Hall, Hospital, Safeway, parks, schools, river valley, LRT, bus, all within 10 minutes walk. Ideal for family, unsuitable for groups of room-mates. Photos: [www.ualberta.ca/~aprochaz/house4rent.html](http://www.ualberta.ca/~aprochaz/house4rent.html). Email [arthur.prochazka@ualberta.ca](mailto:arthur.prochazka@ualberta.ca)

### ACCOMMODATIONS FOR SALE

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### SERVICES

**PIANO LESSONS.** Creative, patient, innovative piano teacher available in Allendale. Anita 780-437-2332.

## Are You a Winner?

Congratulations to Judy Huck, whose name was drawn as part of Folio's Aug. 17 "Are You a Winner?" contest. Huck correctly identified the photo as that of the east-facing side of the Natural Resources and Engineering Facility building. For her efforts, Huck has won her choice of a selection of U of A Press's winning entries from the 2012 Alberta Book Awards. Up for grabs this week is a coveted Butterdome butter dish. To win, simply identify where the object pictured is located and email your answer to [folio@ualberta.ca](mailto:folio@ualberta.ca) by noon on Monday, Sept. 17, and you will be entered into the draw.



## Green and Gold Day

### A Full Day of School Spirit

**September • 21 • 2012**

Staff, students, alumni and community members, join the University of Alberta in celebrating our school pride and wear your green and gold.

**Let's get social!**  
Share your Green and Gold photos! On Twitter #UofASpirit and Facebook/bearsandpandas

Visit the North Campus Bookstore located in the Students' Union Building for a special \$6 T-Shirt

# warm and fuzzy welcome



**Photos: John Ulan, Marketing and Communications** · Week of Welcome is chock full of new student experiences, friends, activities, ideas worth sharing—and University of Alberta mascots GUBA the Golden Bear and Patches the Panda getting in on the action.